

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1-20 (previously cancelled)

Claim 21 (currently amended): Pharmaceutical composition characterized by comprising a combination of an effective dose of inulin and of an anti-metabolic anti-cancer drug, wherein said inulin and said anti-metabolic anti-cancer drug in combination providing provide a synergistic anti-cancer therapeutic effect to a human or non-ruminating animal undergoing treatment for cancer.

Claim 22 (previously presented): Pharmaceutical composition according to claim 21, wherein the inulin is inulin with a DP up to about 100, or oligofructose or a mixture thereof.

Claim 23 (previously presented): Pharmaceutical composition according to claim 21, wherein the inulin is chicory inulin with a (\overline{DP}) ranging from about 10 to about 30, or oligofructose with a (DP) ranging from 2 to 7 and containing about 5 wt% in total of glucose, fructose and sucrose.

Claim 24 (previously presented): Pharmaceutical composition according to claim 21, wherein the anti-cancer drug is selected from the group consisting of methotrexate, cytarabin, fluorouracil, mercaptopurin, thioguanin, azathioprin and hydroxycarbamide.

Claim 25 (previously presented): Pharmaceutical composition according to claim 24 wherein the anti-cancer drug is 5-fluorouracil or methotrexate.

Claim 26 (previously presented): Pharmaceutical composition according to claim 21, which additionally to the said anti-metabolic anti-cancer drug contains one or more anti-cancer

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drugs belonging to the class of anti-metabolic anti-cancer drugs and/or to another class of anti-cancer drugs.

Claim 27 (previously presented): Pharmaceutical composition according to claim 21, in which the inulin and the anti-metabolic anti-cancer drug which constitute the combination are present in the same galenic formulation.

Claim 28 (previously presented): Pharmaceutical composition according to claim 21, in which the inulin and the anti-metabolic anti-cancer drug which constitute the combination are present in separate galenic formulations which in combination together form the pharmaceutical composition.

Claim 29 (previously presented): Pharmaceutical composition according to claim 21, which is suitable for oral, parenteral or rectal administration, or for tube feeding.

Claim 30 (previously presented): Pharmaceutical composition according to claim 28 in which the inulin is present in a functional food or feed.

Claim 31 (previously presented): Pharmaceutical composition according to claim 28 in which the anti-cancer drug is present in a formulation which is suitable for oral or parenteral administration.

Claim 32 (previously presented): Pharmaceutical composition according to claim 21 for use as a medicament for the treatment of cancer in human.

Claim 33 (previously presented): Pharmaceutical composition according to claim 21 for use as a medicament for the treatment of cancer in non-ruminating mammals.

Claim 34 (previously cancelled)

Claim 35 (previously presented): Method for the treatment of cancer in a human or in a non-ruminating mammal comprising administering to said being in need of such treatment an effective amount of a pharmaceutical composition as defined in claim 21.

Claim 36 (previously presented): Method according to claim 35 wherein the inulin and the anti-metabolic anti-cancer drug of the combination forming the pharmaceutical composition are present in the same galenic formulation constituting the pharmaceutical composition.

Claim 37 (previously presented): Method according to claim 35 wherein the inulin and the anti-metabolic anti-cancer drug of the combination forming the pharmaceutical composition are present in separate galenic formulations constituting together the pharmaceutical composition.

Claim 38 (previously presented): Method according to claim 37 wherein the separate galenic formulations are administered simultaneously or non-simultaneously.

Claim 39 (previously presented): Method according to claim 37 wherein the separate galenic formulations are administered via different methods of administration and the inulin is administered by a method selected from the group consisting of oral, parenteral or rectal administration and administration via tube feeding.

Claim 40 (previously presented): Method according to claim 39 wherein the separate galenic formulation containing the inulin is a functional food or feed.

Claim 41 (previously presented): Pharmaceutical composition according to claim 28, wherein the separate galenic formulations which in combination form the pharmaceutical composition are suitable for oral, parenteral or rectal administration, or for tube feeding.

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Claim 42 (previously presented): Pharmaceutical composition according to claim 41, wherein the separate galenic formulations are suitable for administration in a different manner from each other.

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